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Fig. 12(a) is a plan view of the cap in the first embodiment, and (b) is an H-to-H cross-sectional view thereof.

13(a), (b), (c) and (d)

Fig. 13(a), (b), and (c) are cross-sectional views showing the operation of the first embodiment.

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Fig. 14 is a front view of a variation of the first embodiment.

Fig. 15(a), (b), (c), and (d) are cross-sectional views showing the operation of the second embodiment.

Fig. 16(a) and (b) are a plan view and a front view, respectively, of the third embodiment.

Fig. 17 is an M-to-M cross-sectional view of the third embodiment.

Fig. 18(a) and (b) are a plan view and a front view, respectively, of the fourth embodiment.

Fig. 19 is a K-to-K cross-sectional view of Fig. 18(a).

Fig. 20(a) and (b) are a plan view and a front view, respectively, of the axial member of the fourth embodiment.

Numbers Used in the Drawings

[0025] 10, 20, 30 simple fastening device

1 case

1a insertion hole

1b tapered section

1c supporting wall

1d guide groove

3 lock piece

4 spring

5 releasing member

5b guide arm

7 spring pin